Release Notes 03.06

This document describes the changes of job computer MIDI 3.0 software version **03.04.11.XX** to software version **03.06.XX.XX** of job computer MIDI 3.0.

Valid for:

- SLURRY-Controller MIDI 3.0 (item no.: 3032245301)

New functions/add-ons

Additional valves	Up to 6 additional valves can be defined in a configuration (instead of 3 in the previous version).
Additional up/down functions	In the configuration, 3 additional up/down functions can be defined (in addition to the 3 additional left/right functions already available in the previous version).
Additional sensors	Up to 10 additional sensors can be defined in a configuration (instead of 6 in the previous version).
Pressure sensor for application	A pressure sensor for the application can be defined in the configuration. The following alarms can be triggered: ▪ Pressure too high. ▪ Pressure too low. In addition, the application pressure can be displayed in bar in the software.
Tyre inflation system	The pressure sensor of the tyre inflation system can be configured as: ▪ Frequency ▪ Analog 0 – 5 V ▪ Analog 0 – 10 V ▪ Analog 4 – 20 mA
Top link	The pressure sensor of the top link can be configured as: ▪ Frequency ▪ Analog 0 – 5 V ▪ Analog 0 – 10 V ▪ Analog 4 – 20 mA
Support wheel	The pressure sensor of the support wheel system can be configured as: ▪ Frequency ▪ Analog 0 – 5 V ▪ Analog 0 – 10 V ▪ Analog 4 – 20 mA

Filling turbo	If a blockage is detected, the rotation direction of the filling turbo is turned several times to clear the blockage.
Fill level	During filling, the displayed fill level is increased “live” depending on the measured flow.
Headland control	▪ With a control valve connected to an analog position sensor, headland control can be activated automatically after the filling process. ▪ With a PHM/LHM module, headland control can be defined according to revolutions per minute of the filling pump.
TANK-Control	The Müller-Elektronik TANK-Control-1 system can be used as a proportional level sensor.
Oil system	The oil system can trigger the following alarms: ▪ Oil filter (already available). ▪ Temperature too high. ▪ Oil level too low. ▪ No voltage supply of the oil cooler.
Lateral valves and CFC sections	The lateral valves are closed automatically when all associated CFC sections are closed.
Implement parameters	The following parameters can be defined independently for each implement: ▪ Section control mode (single-acting, double-acting, CFC, permanently switched off, permanently switched on). ▪ Time to open/close a section. ▪ Delay time for closing a section.
Two tank system	Improvement of the two tank system with an automatic selection of the appropriate tank.

Modifications

Road mode	Sections can be closed when the system is in road mode.
External spraying switch	The configuration of the external application switch has been revised to make it compatible with SECTION-Control.
Flow meter impulses	The user must now enter the password before he can change the parameter for the flow meter impulses.
Proportional application pump	The user must enter the password before he can change the parameters for the minimum and maximum PWM values of the proportional application pump. The other parameters are now changeable by the user.

Trailing steering axle	There is now only one softkey for locking/unlocking a double-acting trailing steering axle. The associated display permanently shows the status of the rear axle (locked/unlocked).
Front/top filling arm lock	New indicators permanently show the status of the filling arms (locked/unlocked).
Additional valves	Indicators for the status of auxiliary valves are permanently displayed. The following valve statuses can be displayed: ▪ Unknown (initial status). ▪ Open. ▪ Close. ▪ Opened. ▪ Closed.
Proportional level sensor	The unit used during calibration to define “Simulated empty level” and “Simulated full level” is now given as a percentage value (% of maximum tank level).